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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/717,673	11/21/2003	Pierre Coldefy	245519US41X DIV	9065
22850	7590	05/09/2005	EXAMINER	
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			RAHMJOO, MANUCHER	
		ART UNIT		PAPER NUMBER
				2676

DATE MAILED: 05/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/717,673	COLDEFY ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Mike Rahmjoo	2676	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 07 March 2005.

2a) This action is FINAL.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 10-17 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 10-17 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>11/21/03</u> .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 11- 13, 15 and 17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 11 recites the limitation "...in the window..." in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 12 recites the limitation "...in a center of the window..." in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 13 recites the limitation "...of the selecting step..." in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 15 recites the limitation "...displayed in the window..." in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 17 recites the limitation "...from the first degree..." in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 17 recites the limitation "...to the second degree..." in line 4. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 10- 17 are rejected under 35 U.S.C. 102(b) as being anticipated by Briffe et al, US Patent 6,112,141, hereinafter, Briffe.

As per claim 10 and to the broadest reasonable interpretation by examiner, Briffe teaches providing data related to an airport (airport map) see for example column 17 line 10; Briffe inherently teaches reconfiguring a zoom characteristic (see for example column 19 lines 31- 32 for the zoom control that can specify a desired discrete map scale for display on the display device) from an initial maximum zoom value to a new final maximum value such that different types of airports (see for example column 20 lines 5- 9 for the destination or closest airport) may be displayed with a single display device and displaying different views of the airport (see for example column 19 lines 13- 40 for the different adjustment of zoom to display the map and aeronautical information databases at the desired scale) using the reconfigured zoom characteristics.

Examiner would suggest amending whether the displaying of the different types of the airports is simultaneously being performed.

As per claim 11 Briffe teaches a first step of displaying the airport in the window according to a first predefined zoom degree corresponding to general navigation

including a full display of the airport see for example figure 13; a second step of displaying the airport in the window according to a second predefined zoom degree corresponding to proximity navigation including a plurality of details of the airport see for example column 6 lines 53- 63 for the navigation sensors when landing and column 8 line 8 for the display of navigation data; and a third step of displaying the airport in the window according to a third predefined zoom degree corresponding to airport details required for precision taxiing see for example column 17 lines 29- 35.

As per claim 12 Briffe teaches automatically reconfiguring the display such that a moving vehicle on the airport that includes the display is displayed in a center of the window (rose centered on the aircraft in the display) see for example column 9 lines 48- 52 and also figure 3.

As per claim 13 Briffe teaches displaying predefined portions of the airport in a cyclic manner based on selections of the selecting step see for example column 19 lines 43- 44 through continuous variable scale adjustment and displaying.

As per claim 14 and in light of the rejection of claim 13, Briffe teaches automatically displaying the entire airport on the window upon selection of the automatically displaying step and to redisplay a portion of the airport being displayed prior to selection of the automatically displaying step upon another selection of the automatically displaying step see for example column 17 lines 30- 37.

As per claim 15 Briffe teaches selecting a portion of the airport (particular point like a runway or parking) such that the portion of the airport is displayed in the window see for example column 17 lines 30- 37.

As per claim 16 Briffe teaches displacing a view of the airport being displayed on the window in horizontal and vertical directions so as to display other portions of the airport see for example column 11 lines 12- 19.

As per claim 17 Briffe teaches displaying two different degrees of zoom (inherently taught through zoom function) in a continuous manner such that a change from the first degree of zoom to the second degree of zoom appears continuous to an operator viewing the display see for example column 19 lines 40- 45 and claim 14.

### ***Conclusion***

As per restriction mailed 02/07/2005, claims 1- 9, are drawn to selecting a degree of zoom, classified in class 345, subclass 660 and claims 10- 17, are drawn to reconfiguring a zoom characteristic, classified in class 345, subclass 663. The inventions are distinct, each from the other because inventions I and II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such as selecting a degree of zoom and invention II has a separate utility as reconfiguring a zoom characteristics, each being classified differently which would add a burden on examiner if a search were to be performed for both the inventions.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US Patent 6,462,697, 6,567,014, and US PAP 2003/0105581, 2003/ 0160708,  
2003/ 0068071, and 2002/ 0149599.

### Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Rahmjoo whose telephone number is (571) 272-7789. The examiner can normally be reached on 6:30- 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella can be reached on (571) 272- 7778. The fax phone number for the organization where this application or proceeding is assigned is (703) 872- 9306 for regular communications and After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-4357.

Mike Rahmjoo

May 3, 2005



MATTHEW C. BELLA  
SUPERVISORY PATENT EXAMINER  
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